

# **Berkeley Lab Accident Statistics Through April 30, 2009**

**These slides are updated on a monthly basis, as soon as data are reasonably final for the preceding month. Hours worked are estimated monthly and updated with final and actual values quarterly.**

**While every effort is made to present accurate and final data, data may change in subsequent months, as additional information becomes available and as later developments change the recordability of some cases.**

**Refer questions about these charts to [rwfisher@lbl.gov](mailto:rwfisher@lbl.gov)**

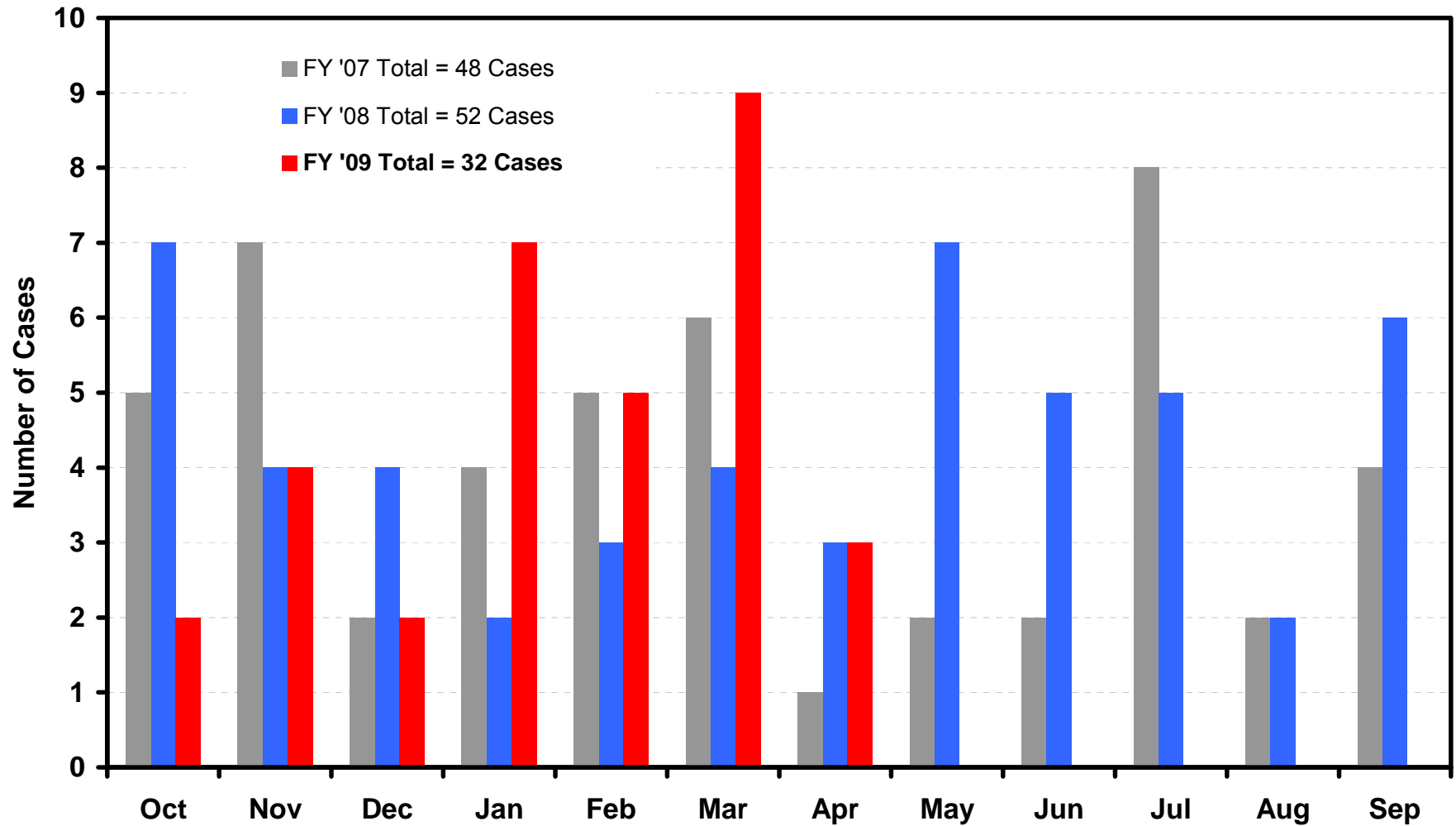
# Narrative of April 2009 Recordable Injury Cases

- Technician – Musculoskeletal strain
  - Employee felt an acute pain in left shoulder while turning steering wheel.
- Shop work – strain
  - EE was treated for aggravation of non-occupational upper arm injury.
- Shop work – strain
  - EE was treated for upper arm discomfort and injury that may have developed over several months.

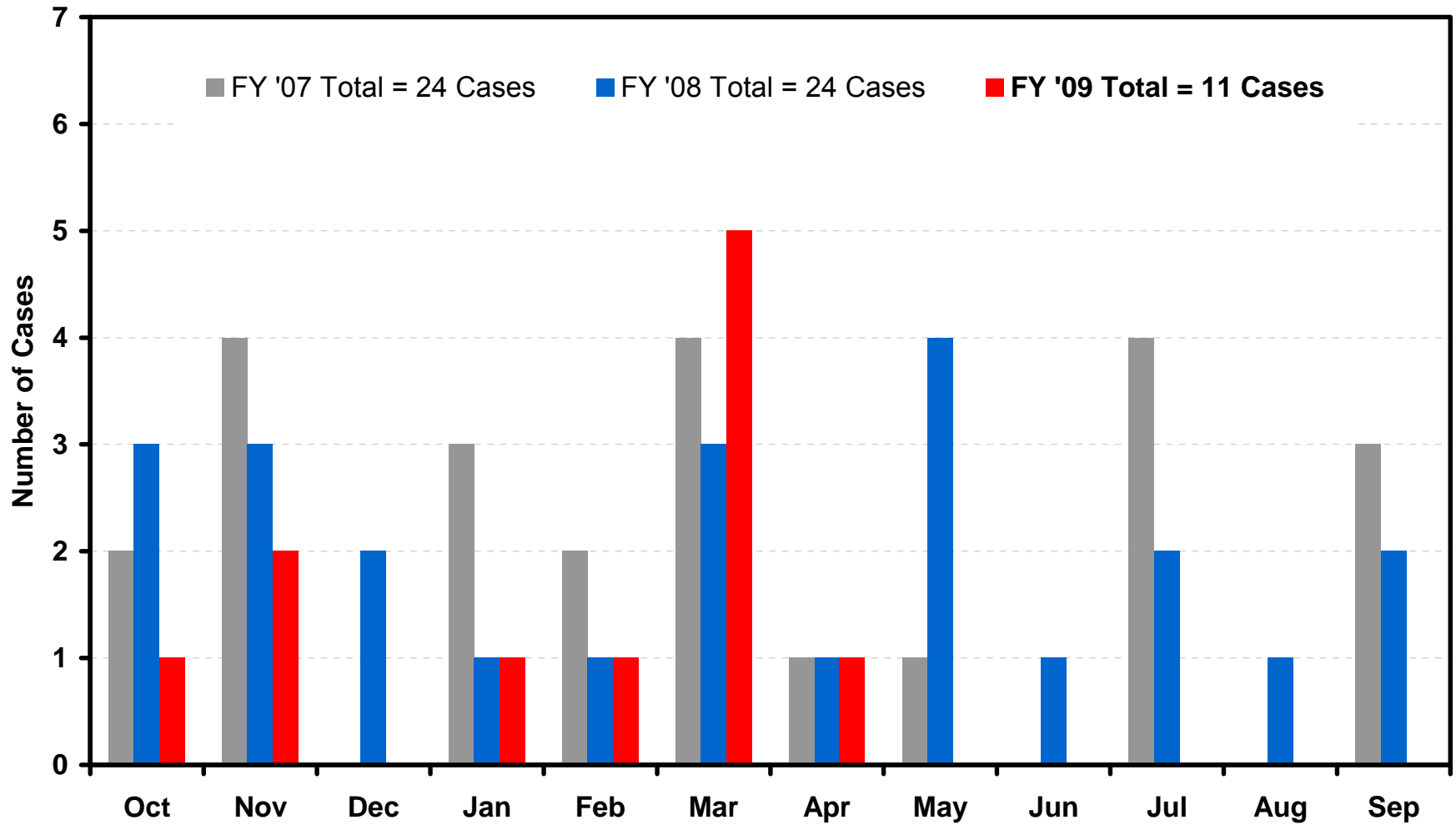
# Narrative of April 2009 Recordable Injury Cases

- Slip/Trip – back strain
  - EE tripped over an irregularity in the walkway surface and jarred the lower back.
- Keyboard/mouse – repetitive strain
  - EE had reported discomfort in October 2008. Recent increased workload aggravated the condition.

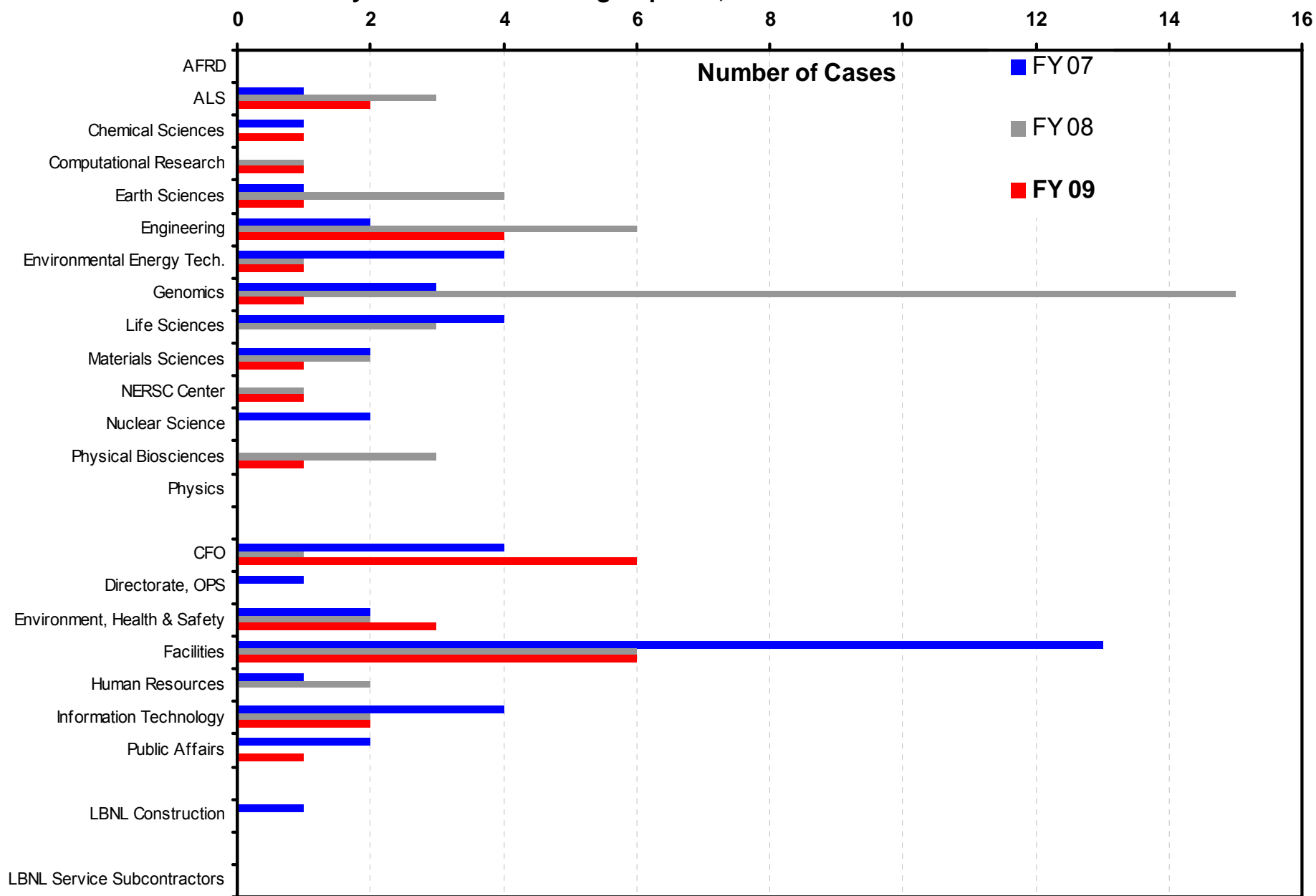
## LBNL Recordable Cases FY07 through April 30, FY09



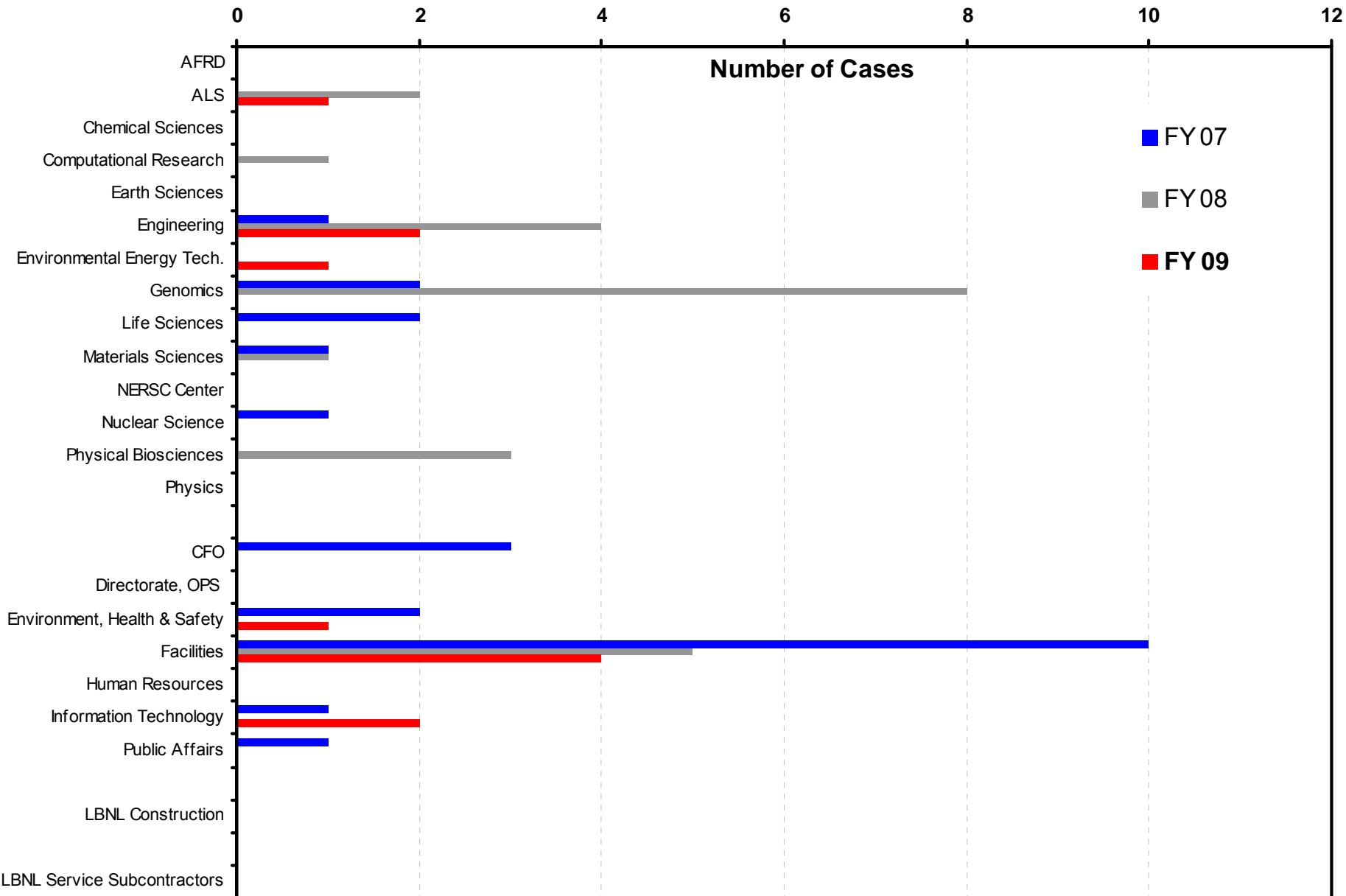
## LBNL DART Cases FY07 through April 30, FY09



# LBNL Recordable Cases by Division FY07 through April 30, FY09



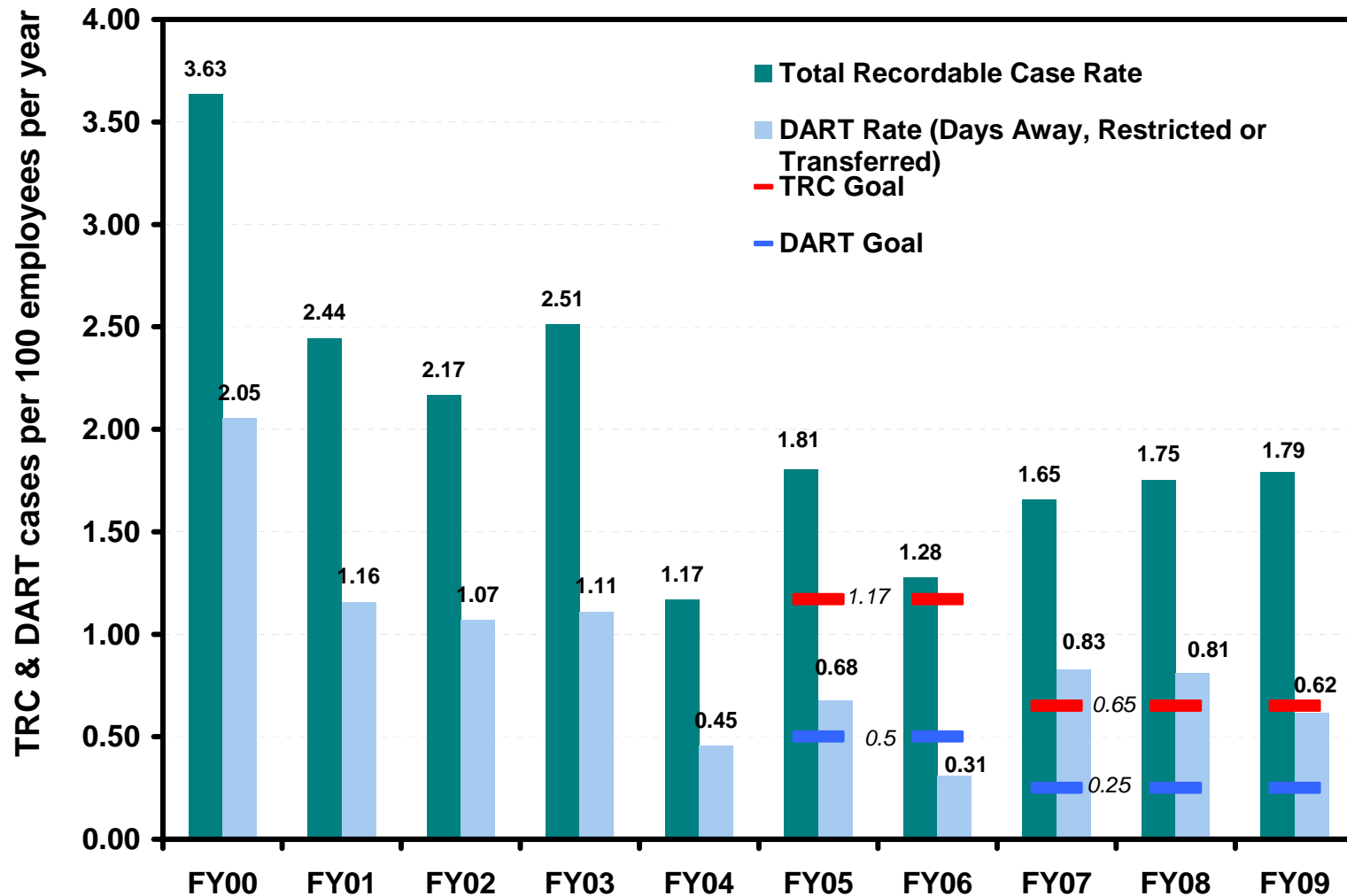
# LBNL DART Cases by Division FY07 through April 30, FY09



# Berkeley Lab Site-Wide TRC & DART Rates

(Includes all Construction and Service Contractors)

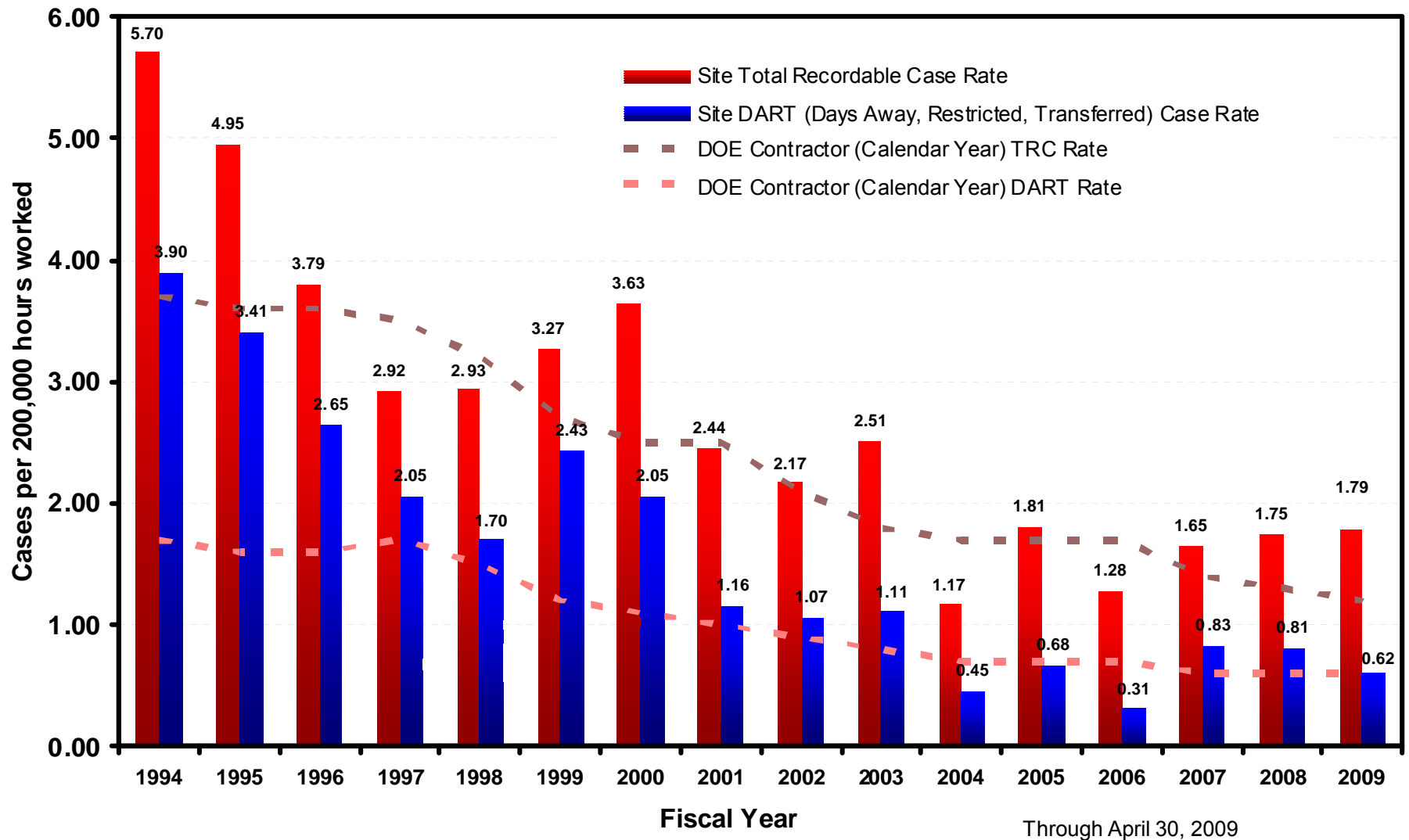
Through April 30, 2009





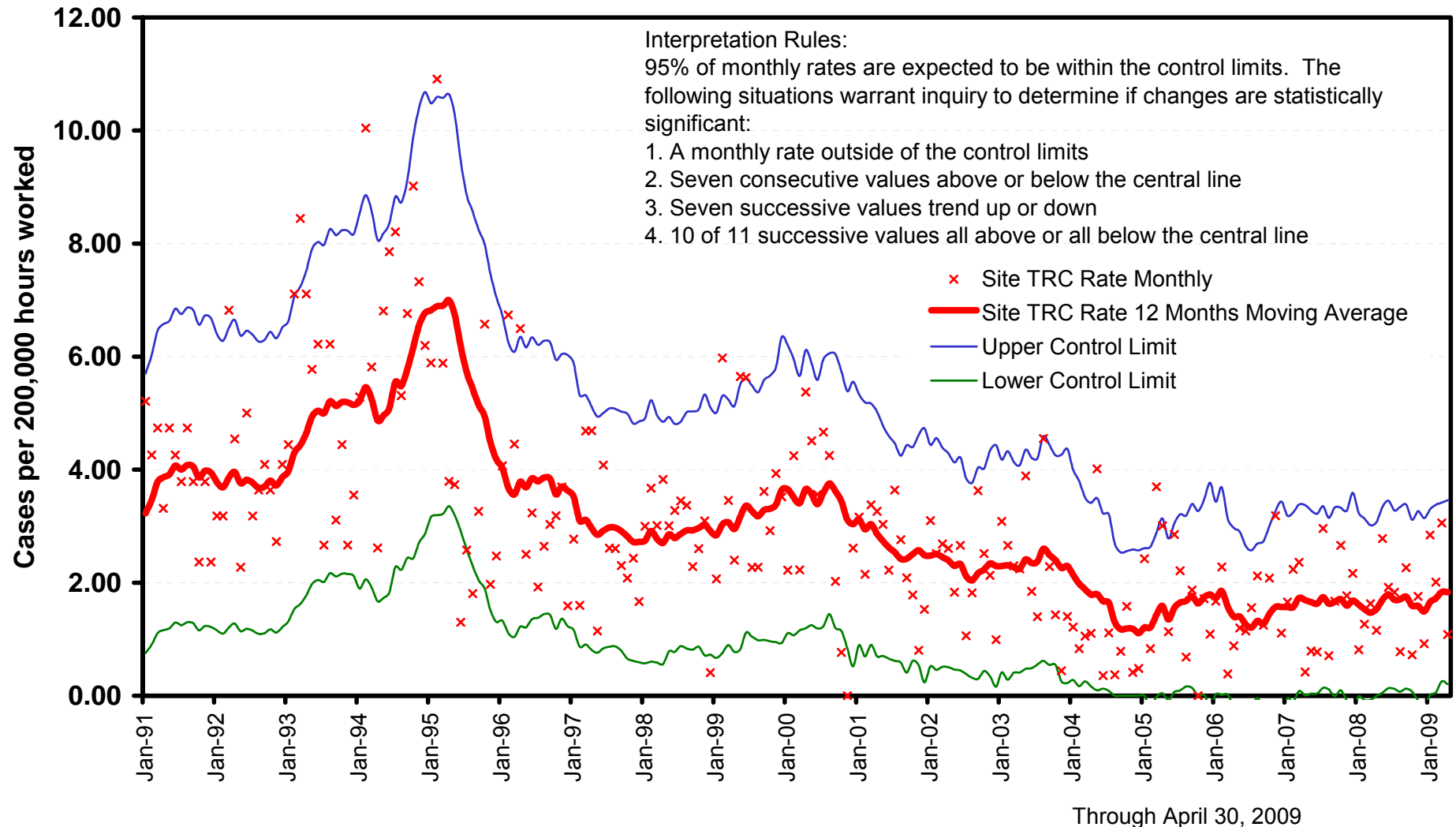
# LBNL vs DOE Contractor Rates

## Berkeley Lab Site Accident Rates



# Long Term Injury Rates - TRC

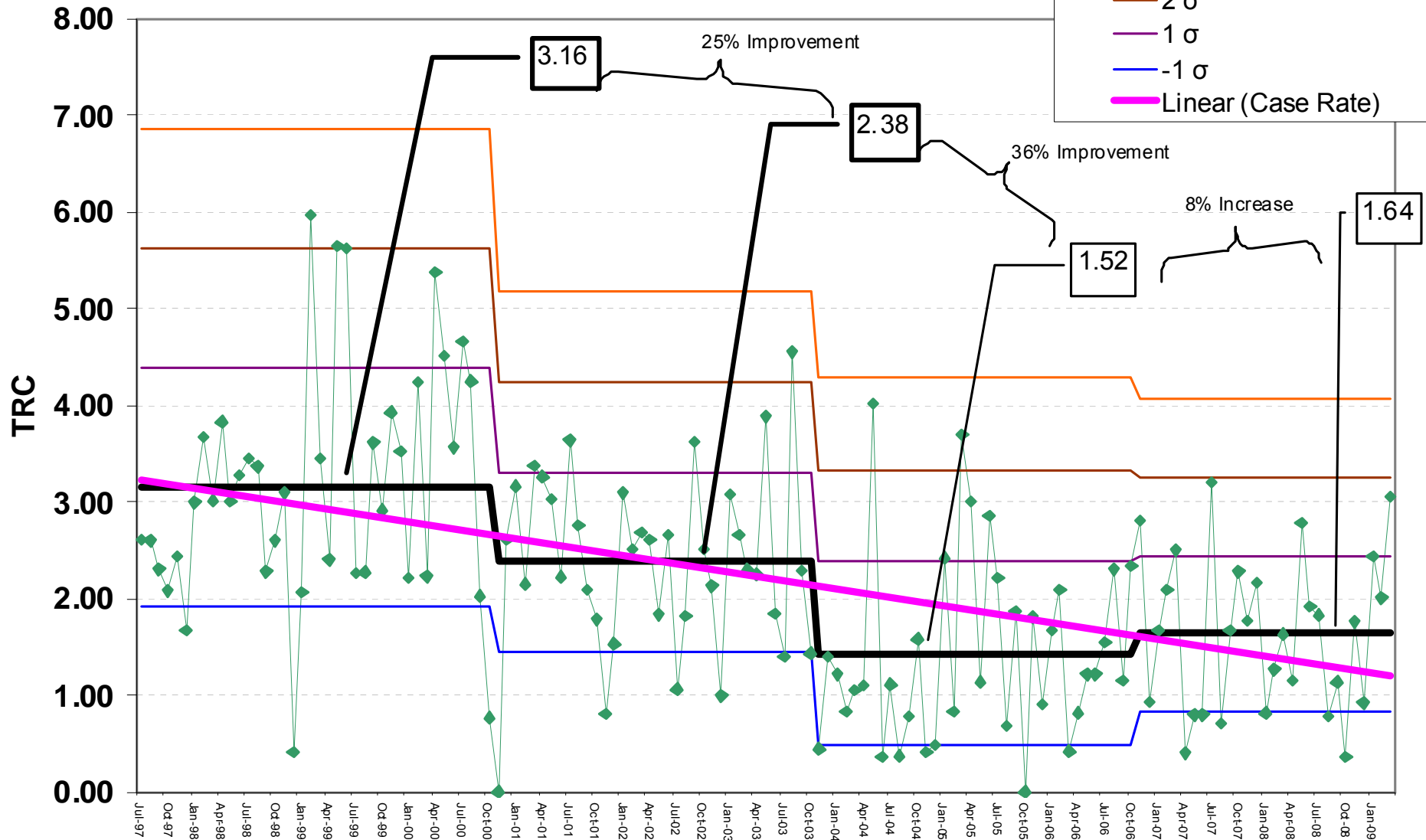
Berkeley Lab Total Recordable Case Rates With Control Limits At 95% Confidence Level



# Long Term Injury Rates

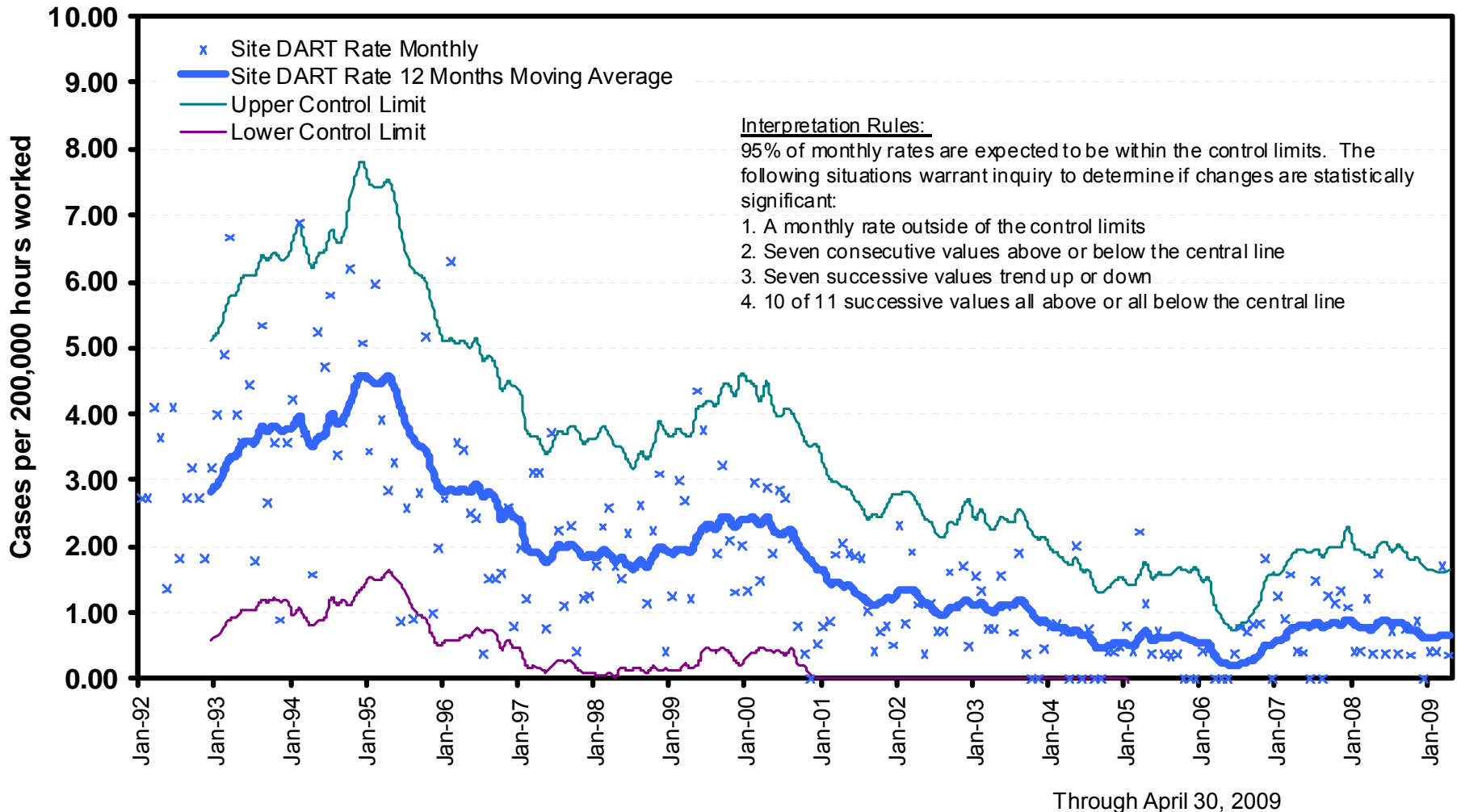
## Control Chart - TRC Jul 97 to Mar 09

### Triennial Baselining



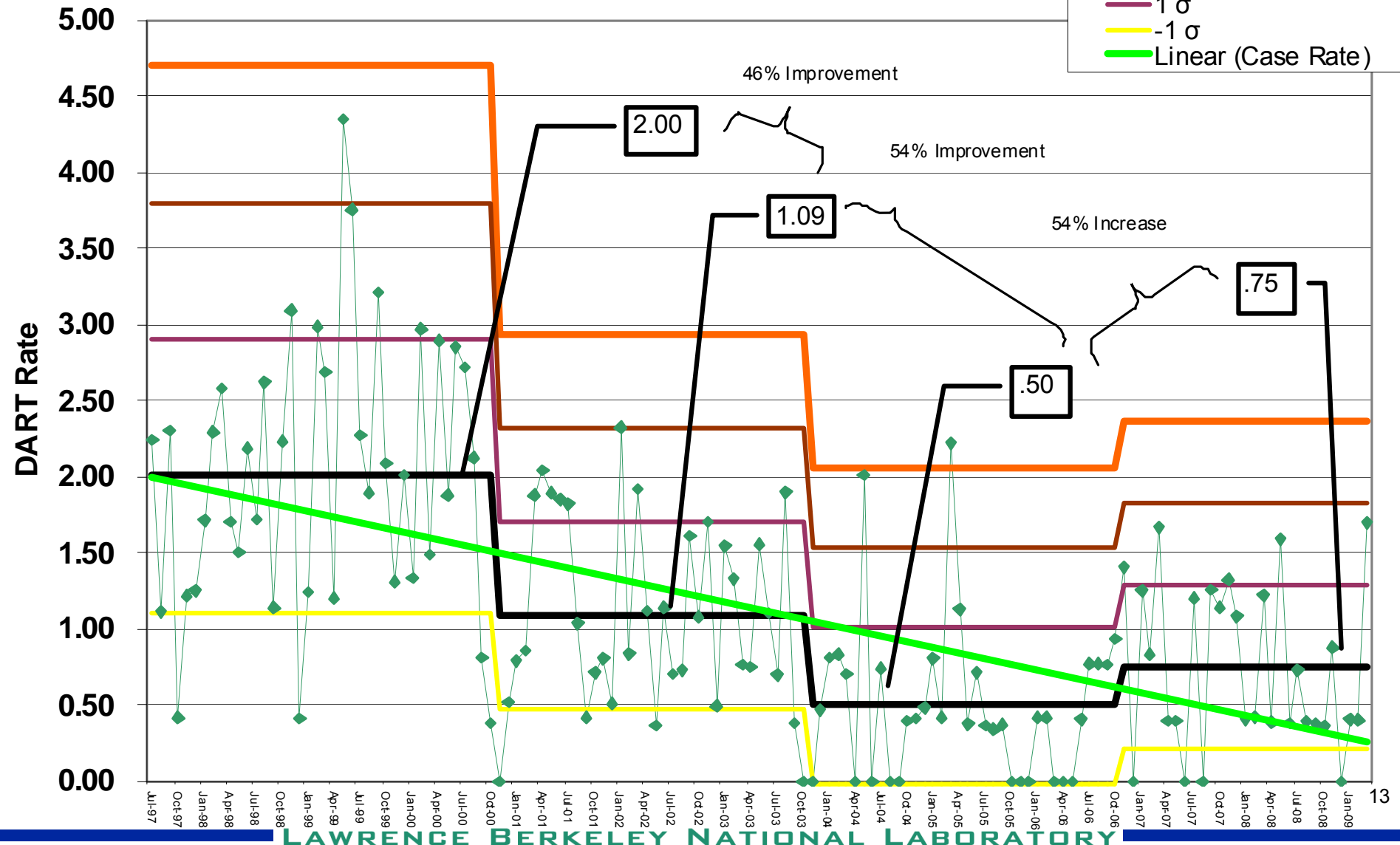
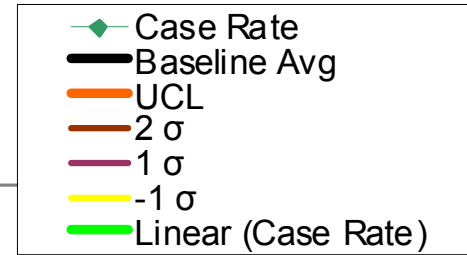
# Long Term Injury Rates - DART

Berkeley Lab DART Rates With Control Limits At 95% Confidence Level  
(Cases with Days Away, Restricted or Transferred)



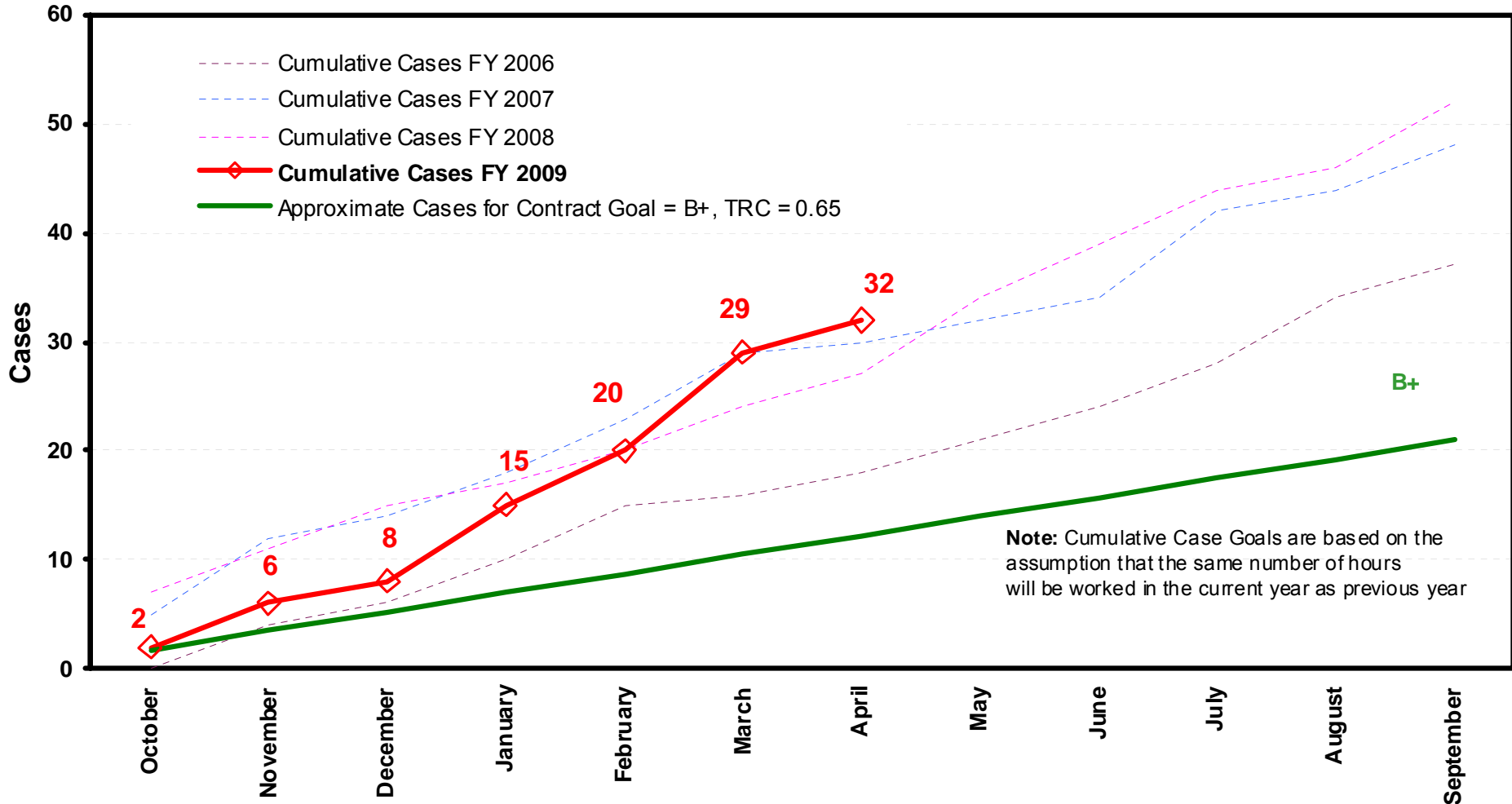
# Long Term Injury Rates

## Control Chart - DART Rates Jul 97 to Mar 09 Triennial Baselining



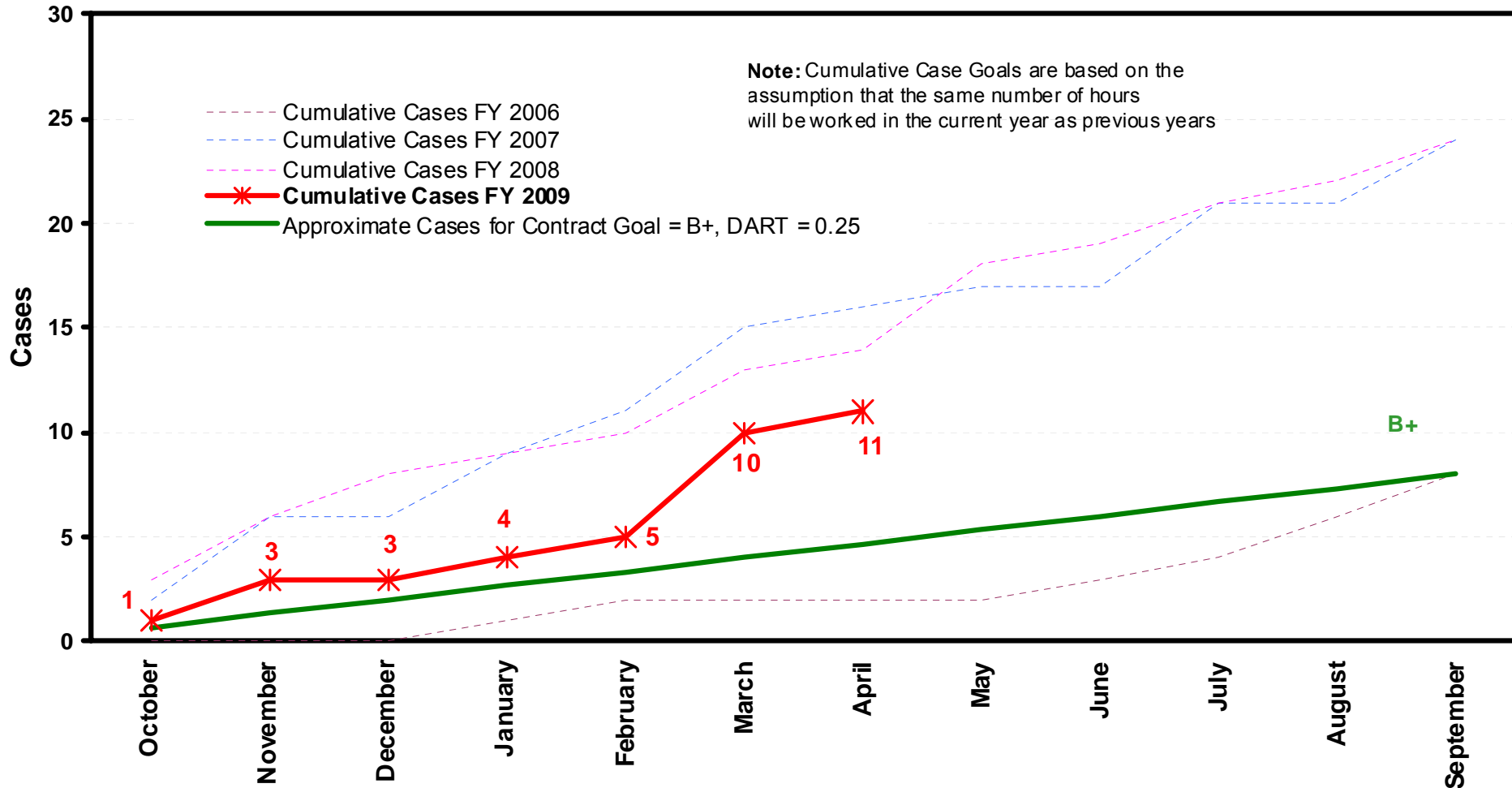
# Performance vs Contract Goals - TRC

Berkeley Lab and Contractors  
Cumulative Total Recordable Cases  
By Fiscal Year

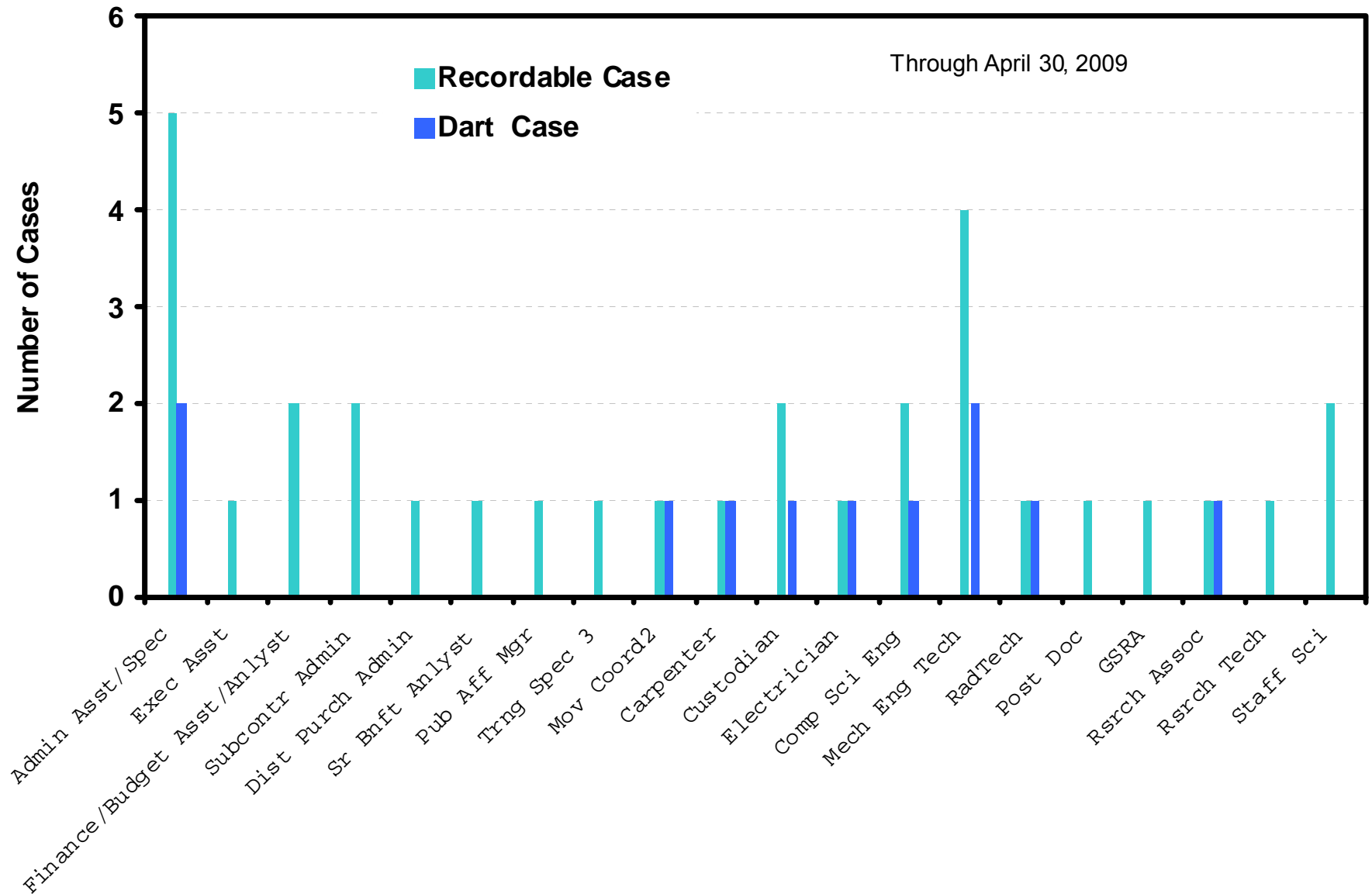


# Performance vs Contract Goals - DART

## Berkeley Lab and Contractors Cumulative DART (Days Away, Restricted, Transferred) Cases By Fiscal Year

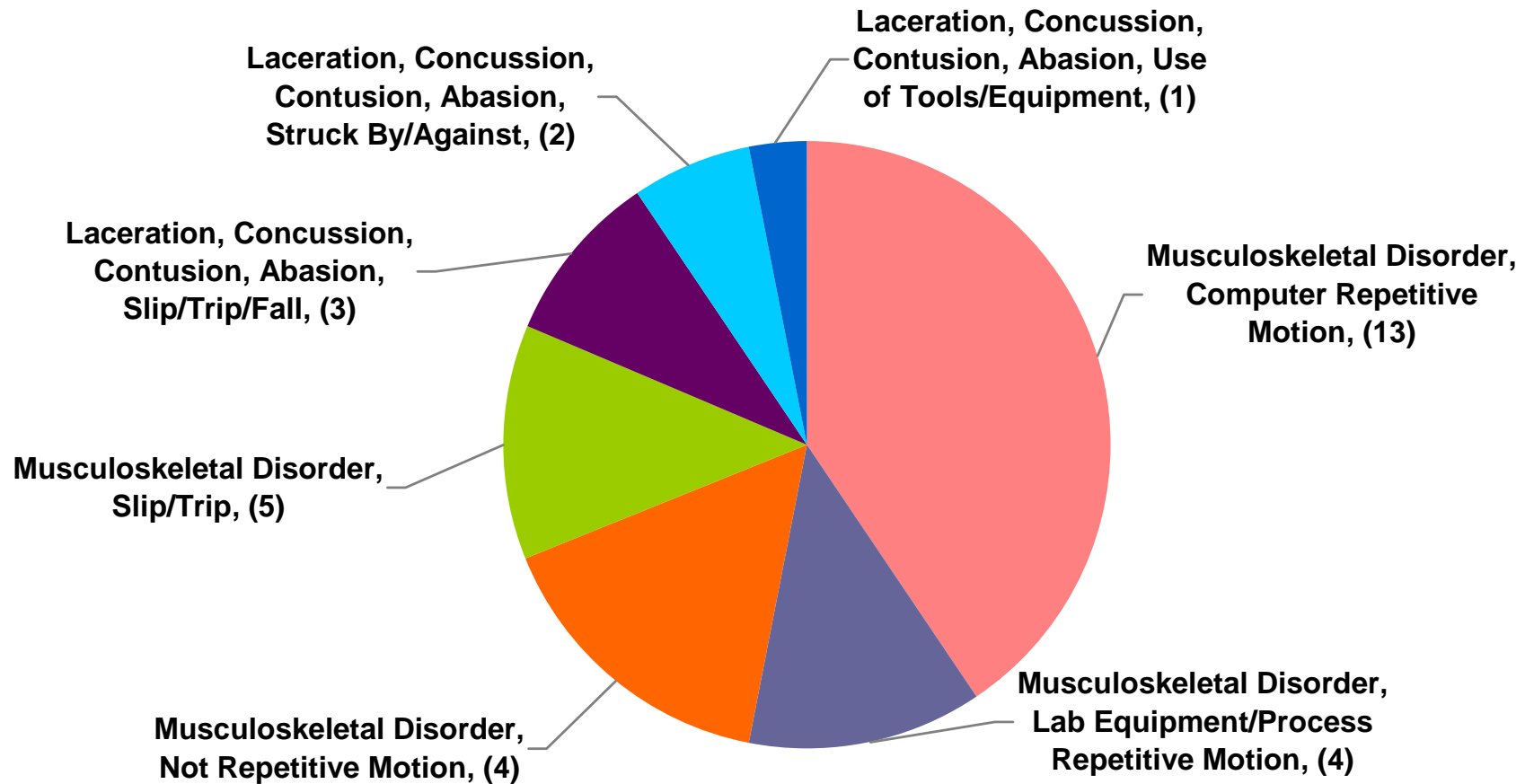


## Recordable and DART Cases by Job Classification

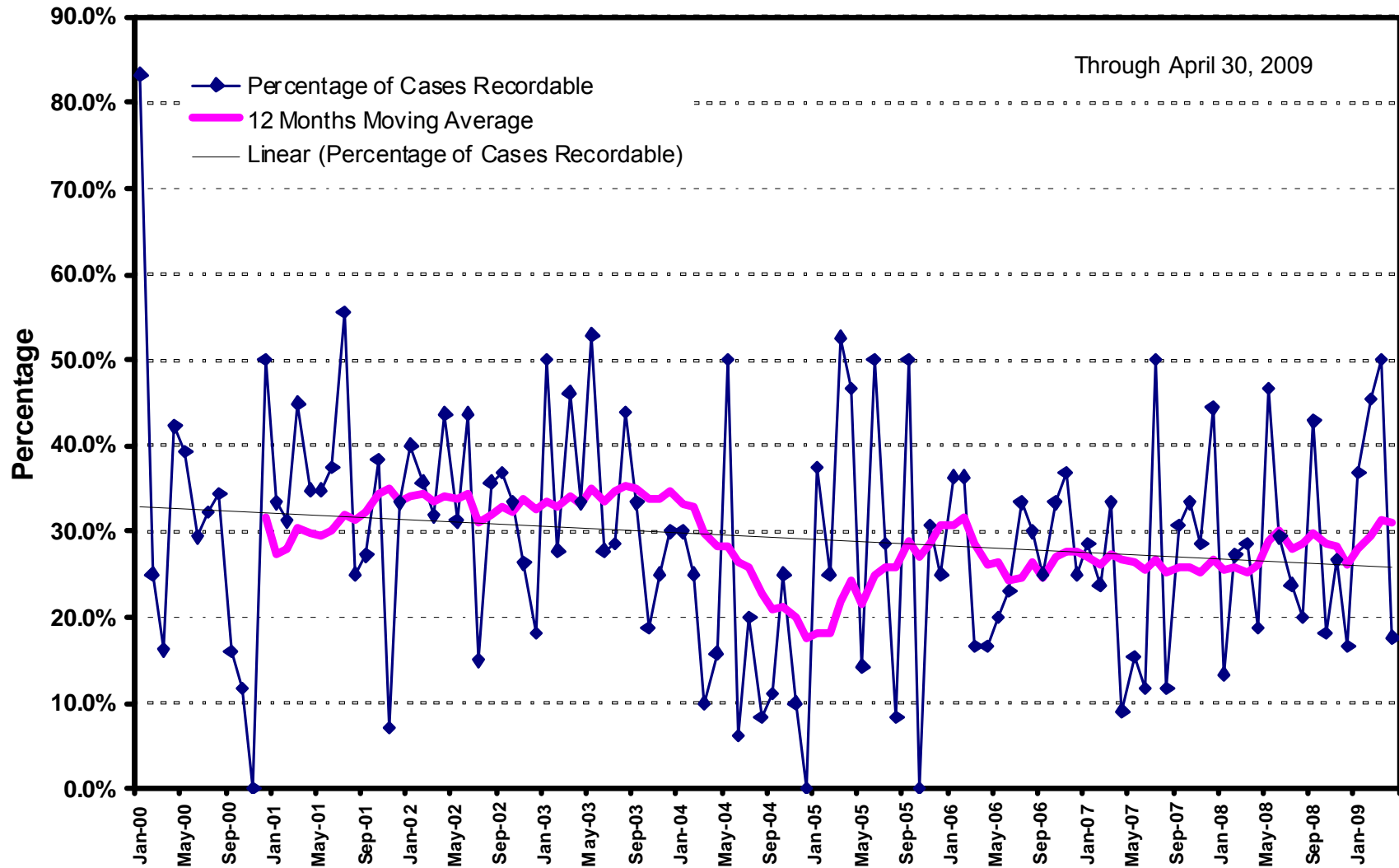




## Injury Categories and Causes FY08 through April 30, 2009

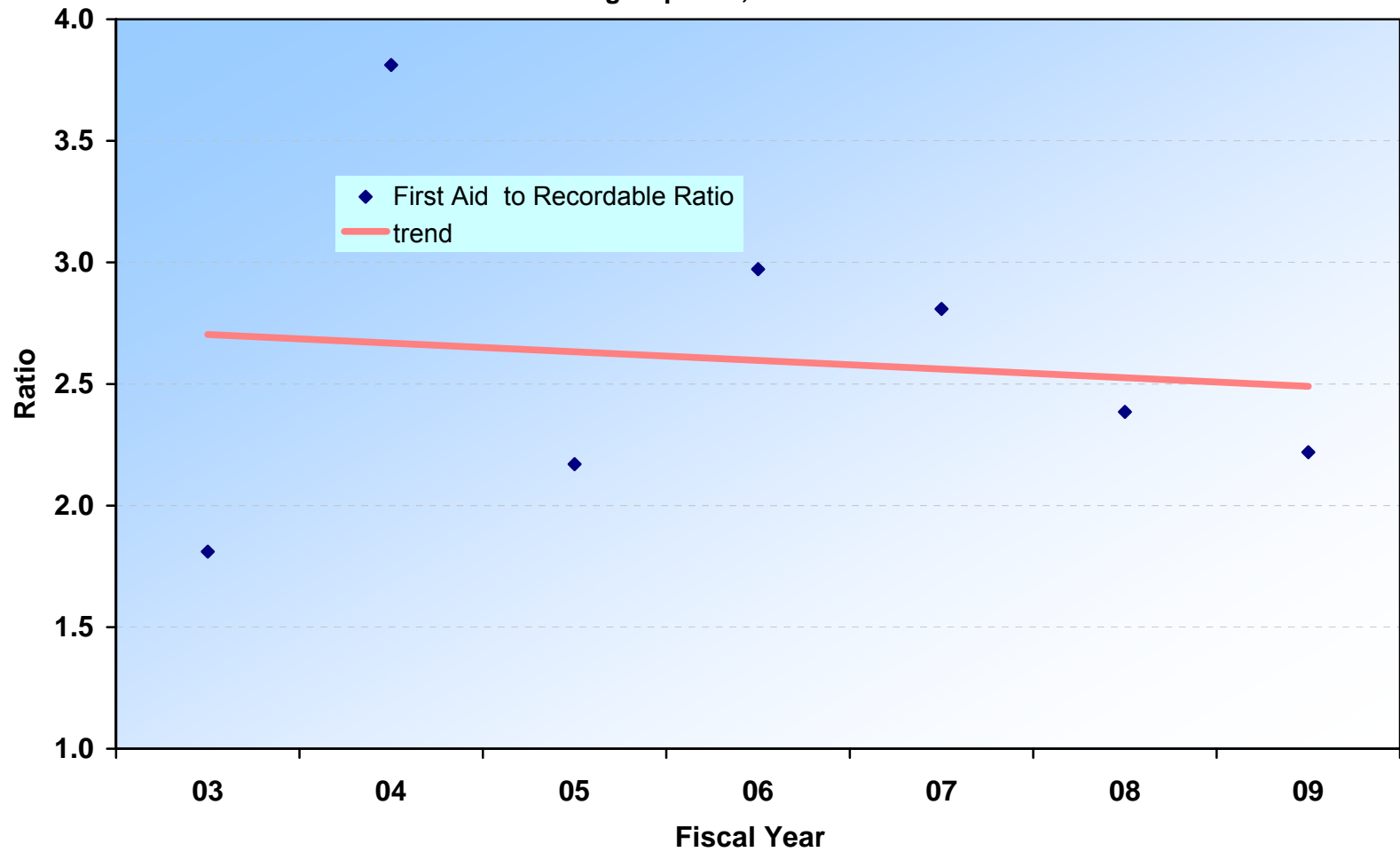


# Percentage of All Injuries Reported That Are Recordable Monthly, 12 Month Moving Average, Trend since 1/1/2000

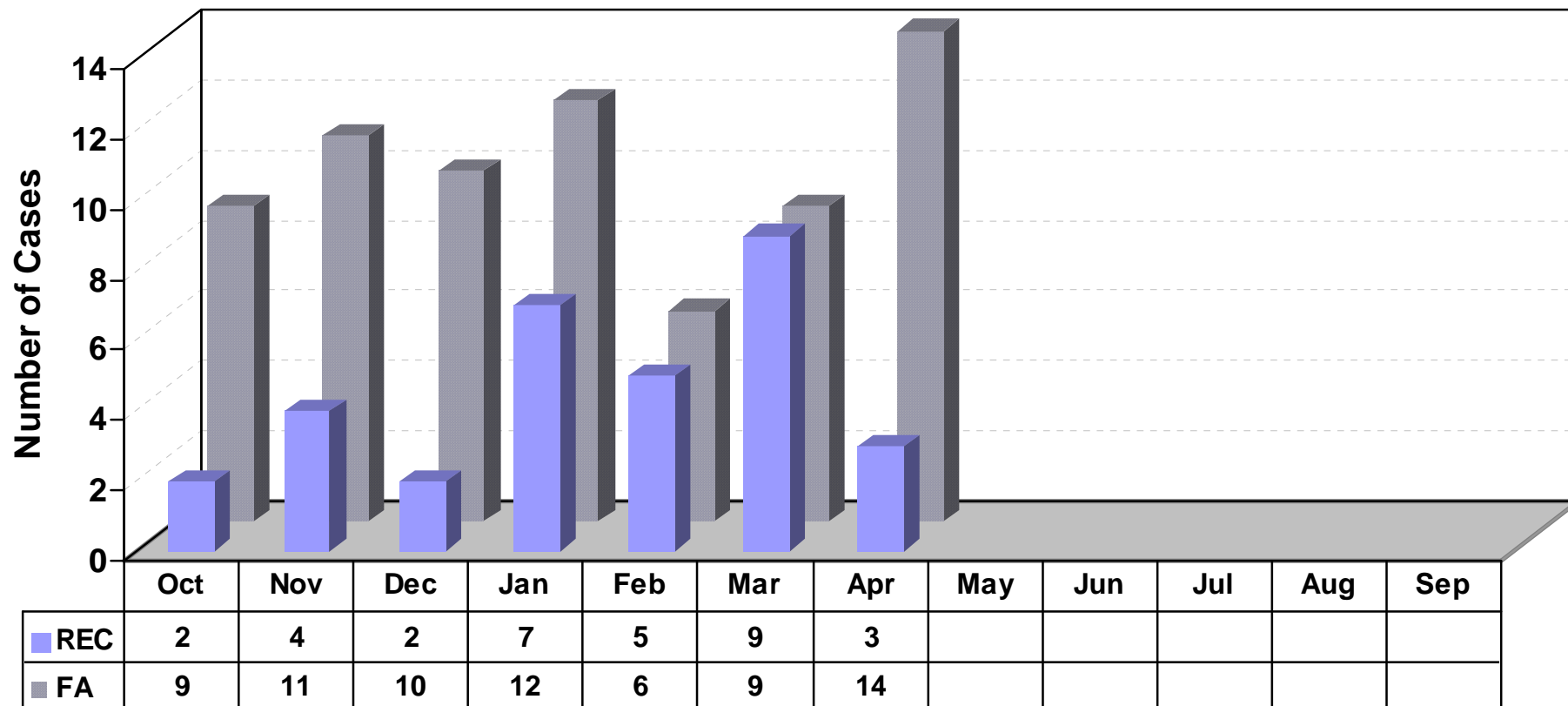


## First Aid to Recordable Case Ratio

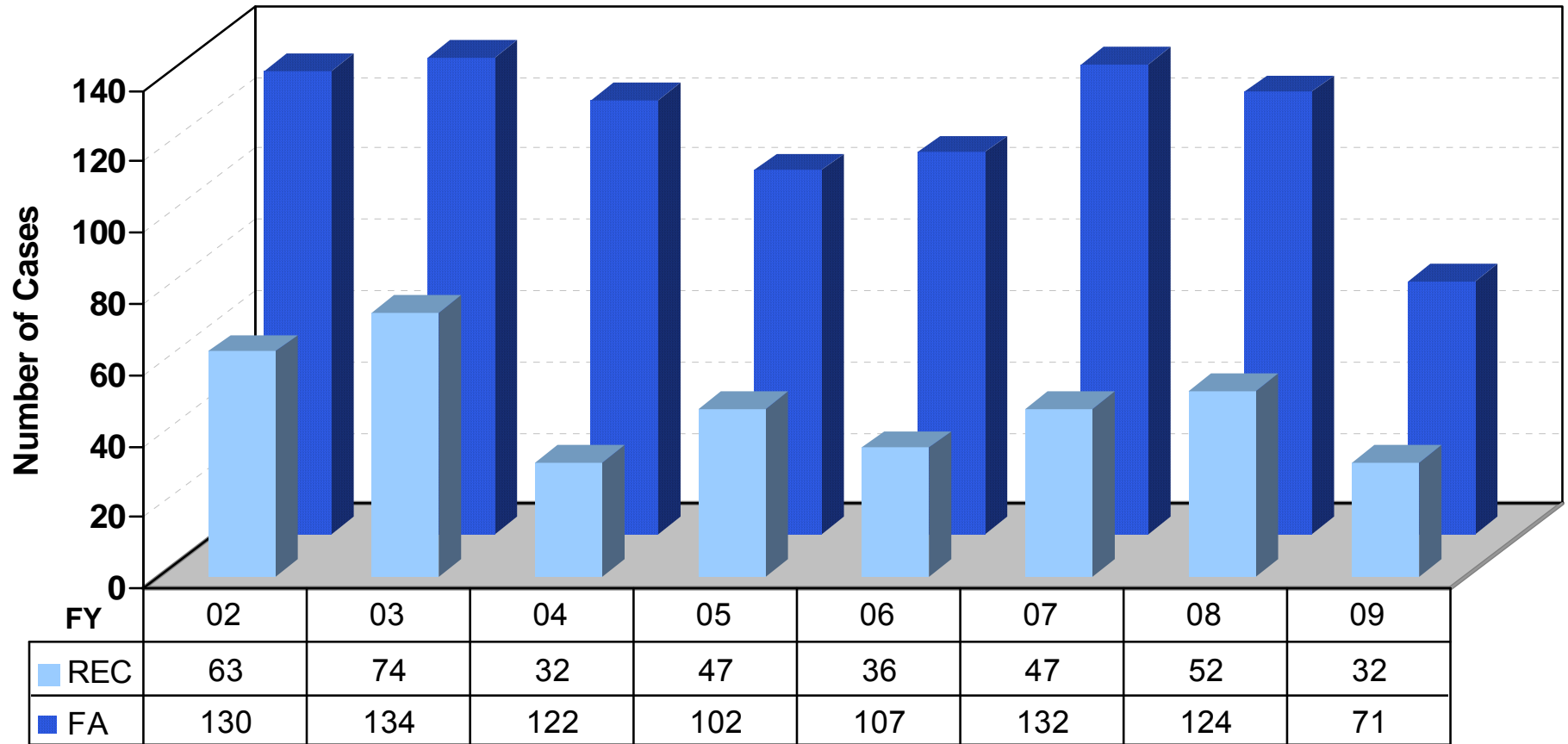
through April 30, 2009



## FY09 First Aid to Recordable Comparison through April 30, 2009



## FY02 to FY09 First Aid to Recordable Comparison through April 30, 2009



# LBNL Total Recordable Cases October 1, 2008 - September 30, 2009 (FY09)

	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Contract Goal TRC = 0.65	Total YTD
<b>LBNL Research</b>														
<b>Computing Sciences</b>	0	0	0	0	1	1	0	0	0	0	0	0	1	2
Computational Research	0	0	0	0	1	0	0	0	0	0	0	0		1
NERSC Center	0	0	0	0	0	1	0	0	0	0	0	0		1
<b>General Sciences</b>	1	0	0	2	0	0	1	0	0	0	0	0	3	4
AFRD	0	0	0	0	0	0	0	0	0	0	0	0		0
Engineering	1	0	0	2	0	0	1	0	0	0	0	0		4
Nuclear Science	0	0	0	0	0	0	0	0	0	0	0	0		0
Physics	0	0	0	0	0	0	0	0	0	0	0	0		0
<b>Life &amp; Environmental Sciences</b>	0	0	0	0	0	1	1	0	0	0	0	0	4	2
Earth Sciences	0	0	0	0	0	0	1	0	0	0	0	0		1
Genomics	0	0	0	0	0	1	0	0	0	0	0	0		1
Life Sciences	0	0	0	0	0	0	0	0	0	0	0	0		0
<b>Physical Sciences</b>	1	0	0	0	1	4	0	0	0	0	0	0	5	6
ALS	0	0	0	0	0	2	0	0	0	0	0	0		2
Chemical Sciences	0	0	0	0	1	0	0	0	0	0	0	0		1
Environmental Energy Tech.	0	0	0	0	0	1	0	0	0	0	0	0		1
Materials Sciences	1	0	0	0	0	0	0	0	0	0	0	0		1
Physical Biosciences	0	0	0	0	0	1	0	0	0	0	0	0		1
<b>LBNL Research Sub-Total</b>	2	0	0	2	2	6	2	0	0	0	0	0	13	14
<b>LBNL Support</b>														
Environment, Health & Safety	0	1	0	1	0	0	1	0	0	0	0	0		3
Facilities	0	1	0	1	2	2	0	0	0	0	0	0		6
Human Resources	0	0	0	0	0	0	0	0	0	0	0	0		0
Information Technology	0	1	0	0	0	1	0	0	0	0	0	0		2
Public Affairs	0	0	1	0	0	0	0	0	0	0	0	0		1
CFO	0	1	1	3	1	0	0	0	0	0	0	0		6
Directorate	0	0	0	0	0	0	0	0	0	0	0	0		0
<b>LBNL Support Sub-Total</b>	0	4	2	5	3	3	1	0	0	0	0	0	4	18
<b>LBNL Total</b>	2	4	2	7	5	9	3	0	0	0	0	0	17	32
<b>LBNL Construction</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>LBNL Service Subcontractors</b>	0	0	0	0	0	0	0	0	0	0	0	0	1	0
<b>Site Grand Total</b>	2	4	2	7	5	9	3	0	0	0	0	0	18	32
Prior Year (FY08) Site Grand Total	7	4	4	2	3	4	3	7	5	5	2	6		52
Prior Year (FY07) Site Grand Total	5	7	2	4	5	6	1	2	2	8	2	4		48
Color Gradation Key: 0 1 2 3 4 5 6 7 8+														

Data as of 4/30/09

Notes: Projections assume that hours worked will remain constant

**LAWRENCE BERKELEY NATIONAL LABORATORY**

# **LBLN DART (Days Away, Restricted, Transferred) Cases October 1, 2008 - September 30, 2009 (FY09)**

	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Contract Goal DART = 0.25	Total YTD
<b>LBLN Research</b>														
<b>Computing Sciences</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Computational Research	0	0	0	0	0	0	0	0	0	0	0	0		0
NERSC Center	0	0	0	0	0	0	0	0	0	0	0	0		0
<b>General Sciences</b>	1	0	0	1	0	0	0	0	0	0	0	0	1	2
AFRD	0	0	0	0	0	0	0	0	0	0	0	0		0
Engineering	1	0	0	1	0	0	0	0	0	0	0	0		2
Nuclear Science	0	0	0	0	0	0	0	0	0	0	0	0		0
Physics	0	0	0	0	0	0	0	0	0	0	0	0		0
<b>Life &amp; Environmental Sciences</b>	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Earth Sciences	0	0	0	0	0	0	0	0	0	0	0	0		0
Genomics	0	0	0	0	0	0	0	0	0	0	0	0		0
Life Sciences	0	0	0	0	0	0	0	0	0	0	0	0		0
<b>Physical Sciences</b>	0	0	0	0	0	2	0	0	0	0	0	0	2	2
ALS	0	0	0	0	0	1	0	0	0	0	0	0		1
Chemical Sciences	0	0	0	0	0	0	0	0	0	0	0	0		0
Environmental Energy Tech.	0	0	0	0	0	1	0	0	0	0	0	0		1
Materials Sciences	0	0	0	0	0	0	0	0	0	0	0	0		0
Physical Biosciences	0	0	0	0	0	0	0	0	0	0	0	0		0
<b>LBLN Research Sub-Total</b>	1	0	0	1	0	2	0	0	0	0	0	0	5	4
<b>LBLN Support</b>														
Environment, Health & Safety	0	0	0	0	0	0	1	0	0	0	0	0		1
Facilities	0	1	0	0	1	2	0	0	0	0	0	0		4
Human Resources	0	0	0	0	0	0	0	0	0	0	0	0		0
Information Technology	0	1	0	0	0	1	0	0	0	0	0	0		2
Public Affairs	0	0	0	0	0	0	0	0	0	0	0	0		0
CFO	0	0	0	0	0	0	0	0	0	0	0	0		0
Directorate	0	0	0	0	0	0	0	0	0	0	0	0		0
<b>LBLN Support Sub-Total</b>	0	2	0	0	1	3	1	0	0	0	0	0	2	7
<b>LBLN Total</b>	1	2	0	1	1	5	1	0	0	0	0	0	7	11
<b>LBLN Construction</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>LBLN Service Subcontractors</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Site Grand Total</b>	1	2	0	1	1	5	1	0	0	0	0	0	7	11
Prior Year (FY08) Site Grand Total	3	3	2	1	1	3	1	4	1	2	1	1		24
Prior Year (FY07) Site Grand Total	2	4	0	3	2	4	1	1	0	4	0	3		24
Color Gradation Key: 0 1 2 3 4 5 6 7 8+														

Data as of 4/30/09

Notes: Projections assume that hours worked will remain constant